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on April 12, 2010

PATENT  
Docket No.: 026503-005010US

TOWNSEND and TOWNSEND and CREW LLP

By: 

Jessie M. Kelly

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

John W. Patterson et al.

Application No.: 10/559,405

§ 371(c) acceptance date: June 26, 2006

For: AMIDINO COMPOUNDS AS  
CYSTEINE PROTEASE INHIBITORS

Customer No.: 20350

Confirmation No.: 7243

Examiner: Celia C. Chang

Art Unit: 1625

REQUEST FOR  
RECONSIDERATION OF  
PATENT TERM ADJUSTMENT  
DETERMINATION UNDER 37  
CFR § 1.705(d)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Commissioner:

Pursuant to 37 C.F.R. § 1.705(d), Applicants respectfully request reconsideration of the patent term adjustment determination. This request is accompanied by the fee set forth in §1.18(e) and a statement of facts as required under 37 C.F.R. § 1.705(b)(2). Patentees request that this request be granted based on their rights under the decision of January 7, 2010 by the United States Court of Appeals for the Federal Circuit see *Wyeht v. Kappos* Fed. Cir. 2009-1120 (attached); affirming the judgment of the district court in *Wyeth et al. v. Dudas* decision (580 F. Supp. 2d 138 (D.D.C. 2008)).

In view of the following it is respectfully requested that Applicants be granted a corrected patent term adjustment of 800 days.

**Statement of Facts as required under 37 C.F.R. § 1.705(b)(2)**

The correct patent term adjustment is 800 days, not 610 days as stated on the Determination of Patent Term Adjustment under 35 U.S.C. § 154(b) or 505 days as listed on the front page of U.S. Patent No. 7,662,849 B2, issued February 16, 2010.

The period of adjustment under § 1.702(a) is 610 days ("A delay").

The period of adjustment under § 1.702(b) is 438 days ("B delay").

The period of adjustment under § 1.704(a) is 105 days ("applicant delay").

The period of adjustment under § 1.703(f) is 800 days.

**The Relevant Dates as Specified in 37 C.F.R. §§ 1.703(a)-(e), §§ 1.704 and the Adjustment Specified in 37 C.F.R. § 1.703(f)**

**1. § 1.703(a) as applied to U.S. National Stage Applications under § 371**

Applicants do not dispute that the Office did correctly calculate the term adjustments to include the adjustment that Applicants are entitled to under 37 CFR § 1.703(a) for a U.S. National Stage Application under § 371 as a total of 610 days as shown on the attached Exhibits A (Patent Term Adjustment History) and C (Applicant PTA Calculation Table). This period of time began on June 26, 2006 (date § 371(c) requirements satisfied) and ended on April 27, 2009 when a Restriction Requirement was mailed by the Office.

**2. § 1.703(b) as applied to U.S. National Stage Applications under § 371**

The Office failed to issue a patent within three years of the actual filing date of the above-referenced application.

The present application is the U.S. National Stage entry under 35 U.S.C. § 371 of International Application No. PCT/US04/17654, filed June 4, 2004, which claims the benefit of priority of U.S. Provisional Application No. 60/475,612, filed June 4, 2003. The Applicants noticed that the "Related U.S. Application Data" is not reflected on the Front Page of U.S. Patent No. 7,662,849 B2 (Exhibit B) (A Certificate of Correction is concurrently being submitted). It is, however, reflected on the attached Application Data Sheet filed during prosecution (Exhibit D).

Applicants submit that the "actual filing date" of a U.S. national stage application filed under 35 U.S.C. § 371, for purposes of calculating "B Delay" under 35 U.S.C. § 154(b)(1)(B), 37 C.F.R. § 1.702(b) and § 1.703(b), is the date that is 30 months from the priority date of the international application. Therefore, pursuant to the provisions of 35 U.S.C. § 371(b) and (f), the national stage for the present application "commenced" on December 4, 2005, i.e., upon expiration of 30 months from the priority date of the international application and no express request for entry was made under § 371(f).

As a result, the period beginning on December 5, 2008 (the day after the date that is three years after December 4, 2005, the date that the national stage commenced), and ending on February 16, 2010 (the date the instant U.S. Patent issued), is 438 days in length. Thus, the effective period of adjustment as applied under 37 C.F.R. § 1.702(b) is **438 days**.

371 (b) Date	3 year Date	Issue Date	Days over 3 years of issuance
December 4, 2005	December 4, 2008	February 16, 2010	438

3.     **§ 1.703(c)-(e)**

There are no relevant dates as specified under §§ 1.703(c)-(e).

4.     **Overlapping periods under § 1.703(a)-(e)**

Applicants have calculated overlapping periods in accordance with *Wyeth v. Dudas* (88 U.S.P.Q.2d 1538, D.D.C. 2008). Periods of delay under 35 U.S.C. §154(b)(1)(A) and 35 U.S.C. §1.54(b)(1)(B) overlap only if they occur on the same calendar day or days (*see Wyeth*). Applicants submit that there are **143 days** of overlap under § 1.703(a)-(e) which include the December 4, 2008 three-year date through the April 27, 2009 date of mailing of a Restriction Requirement (*see Exhibit C*). Therefore the "A Delay" was still occurring on December 5, 2008 (start of "B Delay") and ended when a first action on the merits was mailed from the Office on April 27, 2009.

5. **Reduction of Period of Adjustment of Patent Term Under 37 C.F.R. §1.704**

Applicants do not dispute the calculation by the Office of the period of adjustment under § 1.704(a) as total of 105 days indicated by the attached Patent Term Adjustment History (see **Exhibits A and C**).

6. **§ 1.703(f)**

The period of adjustment under 37 C.F.R. § 1.702(f) is as follows:

Type "A" delay:	610 days
Type "B" delay:	438 days
"A" and "B" overlap:	143 days
Applicant delay under 37 CFR 1.704 (10)	105 days
<u>Adjusted</u>	<u>800 days</u>

**Terminal disclaimer**

The instant application is not subject to a terminal disclaimer.

**PATENT TERM ADJUSTMENT DETERMINATION**

Pursuant to *Wyeth* and the provisions regarding § 371 applications, Applicants are entitled to **800 days** of patent term adjustment, *i.e.*:

[1048 days (A delay + B delay) minus 143 overlap days] minus [105 days (applicant delay)].

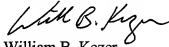
John W. Patterson  
Application No.: 10/559,405  
Page 5

PATENT

Based on the foregoing, Applicants respectfully request reconsideration of the patent term adjustment determination.

Please charge the fee set forth in 37 C.F.R. §1.18(e) (\$200.00) to Deposit Order Account No. 20-1430. Please charge any necessary additional fees or credit any overpayments to our Deposit Order Account No. 20-1430

Respectfully submitted,



William B. Kezer  
Reg. No. 37,369

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## EXHIBIT A

10/559,405 AMIDINO COMPOUNDS AS CYSTEINE PROTEASE INHIBITORS

03-16-  
2010::17:38:02**Patent Term Adjustments**

Patent Term Adjustment (PTA) for Application Number: 10/559,405

Filing or 371(c) Date:	06-26-2006	USPTO Delay (PTO) Delay (days):	-
Issue Date of Patent:	02-16-2010	Three Years:	-
Pre-Issue Petitions (days):	-	Applicant Delay (APPL) Delay (days):	-
Post-Issue Petitions (days):	-	Total PTA (days):	505
USPTO Adjustment(days):	-	Explanation Of Calculations	

**Patent Term Adjustment History**

Date	Contents Description	PTO(Days)	APPL(Days)
01-27-2010	PTA 36 Months		
02-16-2010	Patent Issue Date Used in PTA Calculation		
01-15-2010	Dispatch to FDC		
01-12-2010	Application Is Considered Ready for Issue		
01-11-2010	TC Return to Pubs		
12-10-2009	Applicant Has Filed a Verified Statement of Small Entity Status in Compliance with 37 CFR 1.27		
12-10-2009	Issue Fee Payment Verified		
12-10-2009	Issue Fee Payment Received		
11-04-2009	Miscellaneous Incoming Letter		105
09-25-2009	Pubs Case Remand to TC		⬆
09-14-2009	Mail Notice of Allowance		⬆
09-11-2009	Document Verification		⬆
09-09-2009	Notice of Allowance Data Verification Completed		⬆
09-09-2009	Case Docketed to Examiner in GAU		⬆
09-09-2009	Examiner's Amendment Communication		⬆
09-03-2009	Examiner Interview Summary Record (PTOL - 413)		⬆
07-02-2009	Date Forwarded to Examiner		⬆
06-12-2009	Response to Election / Restriction Filed		⬆
06-12-2009	Request for Extension of Time - Granted		⬆
04-27-2009	Mail Restriction Requirement	610	
04-24-2009	Requirement for Restriction / Election	⬆	
08-28-2006	Information Disclosure Statement considered	⬆	
04-24-2008	Change in Power of Attorney (May Include Associate POA)	⬆	
04-23-2008	Correspondence Address Change	⬆	
12-08-2006	Correspondence Address Change	⬆	
12-08-2006	Change in Power of Attorney (May Include Associate POA)	⬆	
09-07-2006	IFW TSS Processing by Tech Center Complete	⬆	
09-07-2006	Case Docketed to Examiner in GAU	⬆	
08-28-2006	Information Disclosure Statement (IDS) Filed	⬆	
08-28-2006	Information Disclosure Statement (IDS) Filed	⬆	

End of "B" delay period

Applicants DO NOT agree

→ 06-26-2006 371 Completion Date ←  
08-18-2006 Application Dispatched from OIPE  
06-26-2006 Additional Application Filing Fees  
06-26-2006 A statement by one or more inventors satisfying the  
requirement under 35 USC 115, Oath of the Applic

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## EXHIBIT B



US007662849B2

(12) **United States Patent**  
**Patterson et al.**

(10) Patent No.: **US 7,662,849 B2**  
 (45) Date of Patent: **Feb. 16, 2010**

(54) **AMIDINO COMPOUNDS AS CYSTEINE  
 PROTEASE INHIBITORS**

(75) Inventors: **John W. Patterson, Mountain View, CA  
 (US); Soon H. Woo, Palo Alto, CA (US)**

(73) Assignee: **ViroBay, Inc., Menlo Park, CA (US)**

(\*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 505 days.

(21) Appl. No.: **10/559,405**

(22) PCT Filed: **Jun. 4, 2004**

(86) PCT No.: **PCT/US2004/017654**

§ 371 (c)(1),

(2), (4) Date: **Jun. 26, 2006**

(87) PCT Pub. No.: **WO2004/108661**

PCT Pub. Date: **Dec. 16, 2004**

(65) **Prior Publication Data**

US 2006/0264464 A1 **Nov. 23, 2006**

(51) **Int. Cl.**

**A61K 31/382 (2006.01)**

**A61K 31/445 (2006.01)**

**C07D 335/02 (2006.01)**

**C07D 211/54 (2006.01)**

(52) **U.S. Cl.** ..... **514/432; 514/238.5; 514/311;  
 514/331; 514/394; 514/416; 514/451; 514/520;  
 544/59; 544/163; 546/134; 546/230; 546/286;  
 548/304.4; 548/505; 548/585; 549/13; 549/426;  
 558/392**

(58) **Field of Classification Search** ..... **514/238.5,  
 514/311, 331, 394, 416, 432, 451, 520; 544/59,  
 544/163; 546/134, 230, 286; 548/304.4,  
 548/505, 585; 549/13, 426; 558/392**

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

4,959,365 A \* 9/1990 Francoeur et al. .... 514/18  
 6,492,362 B1 \* 12/2002 Graupe et al. .... 514/237.5  
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 6,720,319 B2 \* 4/2004 Liu et al. .... 514/232.2  
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 6,936,606 B2 \* 8/2005 Beikali et al. .... 514/226.8  
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 7,056,915 B2 \* 6/2006 Emmanuel et al. .... 514/230.5  
 7,101,880 B2 \* 9/2006 Graupe et al. .... 514/232.5

**FOREIGN PATENT DOCUMENTS**

EP 0 623 627 11/1994  
 WO WO/00/51998 9/2000  
 WO WO/01/19796 3/2001  
 WO WO/01/19816 3/2001  
 WO WO/02/069901 9/2002  
 WO WO/03/029200 4/2003

**OTHER PUBLICATIONS**

Beikali et al. "Preparation of spiroheterocycli..." CA 137:247932 (2002).\*

\* cited by examiner

Primary Examiner—Celia Chang

(74) Attorney, Agent, or Firm—Townsend and Townsend and Crew LLP

(57) **ABSTRACT**

The present invention is directed to compounds that are inhibitors of cysteine proteases, in particular, cathepsins B, K, L, F, and S and are therefore useful in treating diseases mediated by these proteases. The present invention is directed to pharmaceutical compositions comprising these compounds and processes for preparing them.

14 Claims, No Drawings



# Exhibit C

## PTA Calculation Table

Client Matter No. 026503-005010US

Application No. 10/559,405

For: AMIDINO COMPOUNDS AS CYSTEINE PROTEASE INHIBITORS

Additions to the PTA (PTO)	Deductions to the PTA (Applicant)
<p>Date of Nat'l Phase (§ 371) Filing: December 5, 2005</p> <p>Date §371(c) requirements fulfilled: June 26, 2006</p> <p>1st OA: April 27, 2009</p> <p>14 month Deadline: August 26, 2007 (based upon §371(c) date)</p> <p><u>Over 14 months: + 610 days ("A")</u></p> <p>3-year deadline: December 4, 2008 (based upon § 371(b) date, which is December 4, 2005)</p> <p>Date Patent Issued: February 16, 2010</p> <p><u>Over 3 years + 438 days ("B")</u></p> <p>Overlap: 1<sup>st</sup> OA (April 27, 2009) occurred after the December 4, 2008 3-yr deadline; therefore 143 days overlap</p>	<p>Date of OA: April 27, 2009</p> <p>Date of Response: June 12, 2009</p> <p>Over 3 months: 0 days</p> <p>Date of Notice of Allowance: September 14, 2009</p> <p>Amendment under § 1.312 Filed: November 4, 2009</p> <p>Patent Issued February 16, 2010</p> <p><u>Applicant Delay: 105 days</u></p>
<p>Date of Reply: June 12, 2009</p> <p>Date of NOA: September 14, 2009</p> <p>Over 4 months: 0 days</p>	
"A" PTA: 610 days	
"B" PTA: 438 days	
(610 + 438) - 143 overlap days= + 905 days	Applicant Delay: - 105 days
<p>non-Wyeth PTA = + 505 ("A" days)</p> <p>Wyeth PTA = + 800 ("A+B" days)</p>	

**Application Data Sheet**

**Application Information**

Application number::	10/559,405
Filing Date::	06/26/06
Application Type::	Filing under 35 USC 371
Subject Matter::	Utility
Suggested classification::	
Suggested Group Art Unit::	
CD-ROM or CD-R??::	
Number of CD disks::	
Number of copies of CDs::	
Sequence Submission::	
Computer Readable Form (CRF)?::	
Number of copies of CRF::	
Title::	AMIDINO COMPOUNDS AS CYSTEINE PROTEASE INHIBITORS
Attorney Docket Number::	026503-005010US
Request for Early Publication::	No
Request for Non-Publication::	No
Suggested Drawing Figure::	
Total Drawing Sheets::	
Small Entity?::	Yes
Latin name::	
Variety denomination name::	
Petition included?::	No
Petition Type::	
Licensed US Govt. Agency::	
Contract or Grant Numbers One::	
Secrecy Order in Parent Appl.::	No

### **Applicant Information**

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: US  
Status:: Full Capacity  
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Middle Name:: W.  
Family Name:: Patterson  
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State or Province of Residence:: CA  
Country of Residence:: US  
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City of Mailing Address:: Mountain View  
State or Province of mailing address:: CA  
Country of mailing address:: US  
Postal or Zip Code of mailing address:: 94040

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: Canada  
Status:: Full Capacity  
Given Name:: Soon  
Middle Name:: H.  
Family Name:: Woo  
Name Suffix::  
City of Residence:: Palo Alto  
State or Province of Residence:: CA  
Country of Residence:: US  
Street of Mailing Address:: 3150 Greer Road  
City of Mailing Address:: Palo Alto  
State or Province of mailing address:: CA  
Country of mailing address:: US

Postal or Zip Code of mailing address:: 94303

### Correspondence Information

Correspondence Customer Number:: 20350

### Representative Information

Representative Customer Number:: 20350

### Domestic Priority Information

Application::	Continuity Type::	Parent Application::	Parent Filing Date::
This application	National Stage of	PCT/US04/17654	06/04/2004
PCT/US04/17654	An Appn claiming benefit under 35 USC 119(e) of	60/475,612	<u>06/04/2003</u>

### Assignee Information

Assignee Name::	ViroBay, Inc.	 Start of 30 month priority
Street of mailing address::	1490 O'Brien Drive	
City of mailing address::	Menlo Park	
State or Province of mailing address::	CA	
Country of mailing address::	US	
Postal or Zip Code of mailing address::	94025	371 (b) date: December 4, 2005

# United States Court of Appeals for the Federal Circuit

2009-1120

WYETH  
and ELAN PHARMA INTERNATIONAL LIMITED,

Plaintiffs-Appellees,

v.

David J. Kappos, UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL  
PROPERTY and DIRECTOR OF THE UNITED STATES PATENT  
AND TRADEMARK OFFICE,

Defendant-Appellant.

Patricia A. Carson, Kaye Scholer LLP, of New York, New York, argued for plaintiffs-appellees. With her on the brief were Richard G. Greco; and David O. Bickart, of Washington, DC. Of counsel were Thomas E. Malone, Elan Pharmaceuticals, of South San Francisco, California; and Reem F. Jishi, Wyeth, of Madison, New Jersey.

Christine N. Kohl, Attorney, Appellate Staff, Civil Division, United States Department of Justice, of Washington, DC, argued for defendant-appellant. On the brief were Tony West, Assistant Attorney General, Channing D. Phillips, Acting United States Attorney, and Scott R. McIntosh and Abby C. Wright, Attorneys. Of counsel on the brief were James A. Toupin, General Counsel, and Raymond T. Chen, Deputy General Counsel and Solicitor, United States Patent and Trademark Office, of Arlington, Virginia.

William G. James, II, Kenyon & Kenyon LLP, of Washington, DC, for amicus curiae Hospira, Inc. With him on the brief was Richard W. Ward.

Jeffrey B. Elikan, Covington & Burling LLP, of Washington, DC, for amicus curiae Pharmaceutical Research and Manufacturers of America, et al. With him on the brief were E. Edward Bruce and James P. Sullivan.

Appealed from: United States District Court for the District of Columbia

Judge James Robertson

# United States Court of Appeals for the Federal Circuit

2009-1120

WYETH  
and ELAN PHARMA INTERNATIONAL LIMITED,

Plaintiffs-Appellees,

v.

David J. Kappos, UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL  
PROPERTY and DIRECTOR OF THE UNITED STATES PATENT  
AND TRADEMARK OFFICE,

Defendant-Appellant.

Appeal from the United States District Court for the District of Columbia in case no. 07-  
CV-1492, Judge James Robertson.

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DECIDED: January 7, 2010

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Before RADER, PLAGER, and MOORE, Circuit Judges.

RADER, Circuit Judge.

I.

On summary judgment, the United States District Court for the District of Columbia held that plaintiffs Wyeth and Elan Pharma International Ltd. (collectively, "Wyeth") were entitled to extended patent term adjustments under 35 U.S.C. § 154(b) due to the Patent and Trademark Office's (the "PTO's") delay in prosecuting their patent applications. Because section 154(b) expressly permits this legal relief, this court affirms.

## II.

In 1994, the law changed the effective term of a patent from seventeen years commencing from issuance to twenty years from filing. See Pub. L. No. 103-465, § 532, 108 Stat. 4809, 4984 (1994). With the change came new ways of compensating patentees for PTO-caused delays during prosecution. Under the previous seventeen-year regime, PTO-caused delays could not affect patent terms because the term commenced upon issuance after any delays during patent acquisition. Under the twenty-year term, however, those delays consumed the effective term of a patent.

In 1999, the American Inventors Protection Act amended 35 U.S.C. § 154(b) to address this new problem. The new Act promised patent applicants a full patent term adjustment for any delay during prosecution caused by the PTO. This promise took the form of three distinct "guarantees" in 35 U.S.C. § 154(b)(1):

(A) Guarantee of prompt Patent and Trademark Office responses.--Subject to the limitations under paragraph (2), if the issue of an original patent is delayed due to the failure of the Patent and Trademark Office to [meet deadlines specified in clauses (i)-(iv)] . . .

the term of the patent shall be extended 1 day for each day after the end of the period specified in clause (i), (ii), (iii), or (iv), as the case may be, until the action described in such clause is taken.

(B) Guarantee of no more than 3-year application pendency.--Subject to the limitations under paragraph (2), if the issue of an original patent is delayed due to the failure of the United States Patent and Trademark Office to issue a patent within 3 years after the actual filing date of the application in the United States . . .

the term of the patent shall be extended 1 day for each day after the end of that 3-year period until the patent is issued.

(C) Guarantee or adjustments for delays due to interferences, secrecy orders, and appeals.--Subject to the limitations under paragraph (2) . . . the term of the patent shall be extended 1 day for each day of the pendency of the proceeding, order, or review, as the case may be.

(emphases added). To summarize, paragraph A (the "A guarantee" or "A clause") promises "prompt [PTO] responses" by extending the term of the patent one day for each day the PTO does not meet certain examination deadlines in subdivisions (i)-(iv). Id. § 154(b)(1)(A). One of these deadlines, for instance, requires a first response to a filed application within fourteen months. See id. § 154(b)(1)(A)(i). Paragraph B (the "B guarantee" or "B clause") extends the term of the patent one day for each day issuance is delayed due to the PTO's failure "to issue a patent within 3 years after the actual filing date of the application in the United States." Id. § 154(b)(1)(B). Last, paragraph C allows for adjustments relating to delays resulting from interference proceedings, secrecy orders, and appeals. Id. § 154(b)(1)(C). At issue in this case are the A and B guarantees.

Both the A and B clauses are expressly subject to paragraph 2's "In general" limitation:

In general. To the extent that periods of delay attributable to grounds specified in paragraph (1) overlap, the period of any adjustment granted under this subsection shall not exceed the actual number of days the issuance of the patent was delayed.

Id. § 154(b)(2)(A) (emphasis added). In other words, this limitation restricts the period of adjustment when any of the "periods of delay" "overlap." This case asks this court to interpret and enforce the guarantees in the face of an "overlap" and "periods of delay" under section 154(b)(2)(A).

Section 154(b)(3) of the statute directs the PTO to "prescribe regulations establishing procedures for the application for and determination of patent term adjustments under this subsection." Id. § 154(b)(3) (emphasis added). Under the guise



of that authority, the PTO promulgated 37 C.F.R. § 1.703(f) in 2000: "To the extent that periods of adjustment attributable to the [guarantees] overlap, the period of adjustment granted under this section shall not exceed the actual number of days the issuance of the patent was delayed." (emphasis added). Other than adding the term "periods of adjustment," this language repeated the text of section 154(b)(2)(A). The regulations later defined "periods of adjustment" as "the number of days, if any, in the period beginning on the day after the date that is three years after the date on which the application was filed . . . ." 37 C.F.R. § 1.703(b) (2000). The regulation supplied no explanation about implementation or application of these rules.

In 2004, the PTO amended the regulation to replace "periods of adjustment" with "periods of delay." 69 Fed. Reg. 21706 (2004). The PTO contended that this substitution clarified the regulation:

The language of former § 1.703(f) misled applicants into believing that [periods of A-delay] and [periods of B-delay] were overlapping only if the [period of A-delay] occurred more than three years after the actual filing date of the application. If an application is entitled to a [B]-adjustment . . . the entire period during which the application was pending before the [PTO] . . . , and not just the period beginning three years after the actual filing date of the application; is the period of delay under 35 U.S.C. 154(b)(1)(B) in determining whether periods of delay overlap under 35 U.S.C. 154(b)(2)(A).

Id. (emphasis added). Thus, the "period of delay," according to the PTO's new definition, caused the B guarantee to start with the filing of the application, not three years later. Under that interpretation, "overlap" between A adjustments and B adjustments can arise and begin during the pendency of the patent application. For example, if a patent entitled to twenty days of A adjustments issues twenty days after the three year mark, then it is only entitled to a total of twenty days of adjustment. In

other words, the entire period of A delay “overlaps” with the entire period of B delay. Using this framework, the PTO uses either the greater of the A delay or B delay to determine the appropriate adjustment but never combines the two.

Wyeth and Elan Pharma are the owners of U.S. Patent Nos. 7,179,892 (the “’892 patent”) and 7,189,819 (the “’819 patent”)—inventions that treat Alzheimer’s disease. During the prosecution of each of their respective applications, the PTO undisputedly caused delays that gave the applicants entitlement to both A and B guarantees.

For the ’892 patent, the PTO calculated 610 days of A delay and 345 days of B delay. Of the 610 days of A delay, 51 occurred more than three years after the application was filed. During the prosecution, the applicant caused 148 days of delay. Thus, under section 154(b)(2)(C), any adjustment must be reduced by that amount. See 35 U.S.C. 154(b)(2)(C). Under its greater-of-A-or-B rubric, the PTO calculated the total adjustment at 462 days—i.e., 610 (the greater of A or B) - 148 (applicant delay). According to Wyeth, however, the “period of delay” for purposes of the B clause could not have started until three years after the application’s filing date. For that reason, the only possible “overlap” was any A delay occurring after the three-year mark. Because only 51 days of A delay occurred after the three year mark for the ’892 patent, the adjustment, according to Wyeth, should have been 756 days—i.e., 610 (A delay) + 345 (B delay) - 51 (“overlap”) - 148 (applicant delay).

For the ’819 patent, the PTO calculated 336 days of A delay and 827 days of B delay. Of the 336 days of A delay, 106 occurred after the three-year mark. In this case, the applicant caused 335 days of delay. The greater-of-A-or-B rubric yields an adjustment period of 492 days—i.e., 827 (the greater of A or B) - 335 (applicant delay).

Wyeth contends the adjustment period should have been 722 days—i.e., 336 (A delay) + 827 (B delay) - 106 ("overlap") - 335 (applicant delay).

After filing petitions for reconsideration of the adjustments with the PTO, Wyeth filed the instant action in the District Court for the District of Columbia seeking an order directing the PTO to grant an adjustment per Wyeth's interpretation. Both parties filed motions for summary judgment. Citing section 154(b)(3) as evidence of a delegation of authority to draft regulations, the PTO sought Chevron deference for its interpretation. See Chevron U.S.A., Inc. v. Natural Resources Def. Council, Inc., 467 U.S. 837 (1984).

The district court sided with Wyeth, finding first that the PTO "does not have the authority to issue substantive rules, only procedural regulations regarding the conduct of proceedings before the agency." Wyeth v. Dudas, 580 F. Supp. 2d 138, 141 (D.D.C. 2008) (citing Merck & Co. v. Kessler, 80 F.3d 1543, 1549-50 (Fed. Cir. 1996)). The district court further found that even if Chevron was applicable, it would have rejected the PTO's interpretation as contrary to the plain language of the statute. As the district court put it: "The problem with the PTO's interpretation is that it considers the application delayed under [the B guarantee] during the period before it has been delayed." Id. at 142 (emphasis in original).

### III.

This court reviews a grant of summary judgment without deference. Johns Hopkins Univ. v. CellPro, Inc., 152 F.3d 1342, 1353 (Fed. Cir. 1998). Summary judgment is only appropriate if the court determines that there "is no genuine issue as to any material fact and that the moving party is entitled to a judgment as a matter of law." Fed. R. Civ. P. 56(c). Because both parties in the instant case perceive no genuine

issues of material fact, this court need only decide the question of law decided by the district court. "That question is one of statutory interpretation, one that an appellate court can independently determine without deference to the trial court's interpretation." Glaxo Operations UK Limited v. Quigg, 894 F.2d 392, 395 (Fed. Cir. 1990) (citing Madison Galleries, Ltd. v. United States, 870 F.2d 627, 629 (Fed. Cir. 1989)).

"As always, the 'starting point in every case involving construction of a statute is the language itself.'" United States v. Hohri, 482 U.S. 64, 68 (1987) (quoting Kelly v. Robinson, 479 U.S. 36, 43 (1986)). When the terms of a statute are unambiguous, "judicial inquiry is complete, except 'in rare and exceptional circumstances.'" Rubin v. United States, 449 U.S. 424, 430 (1981) (quoting TVA v. Hill, 437 U.S. 153, 187 n.33 (1978)). "Absent a clearly expressed legislative intention to the contrary, [the statute's plain] language must ordinarily be regarded as conclusive." Consumer Prod. Safety Comm'n v. GTE Sylvania, Inc., 447 U.S. 102, 108 (1980).

This court detects no ambiguity in the terms "periods of delay" and "overlap." Each term has an evident meaning within the context of section 154(b). The limitation in section 154(b) only arises when "periods of delay" resulting from violations of the three guarantees "overlap." 35 U.S.C. § 154(b)(2)(A). Significantly, the A and B guarantees expressly designate when and for what period they each respectively apply. Thus, this court can easily detect any overlap by examining the delay periods covered by the A and B guarantees.

A violation of the A guarantee—delays in meeting examination deadlines—begins with a "failure of the [PTO]" to meet one of the deadlines specified in subparagraphs (i)–(iv). Id. § 154(b)(1)(A). It ends when "the action described . . . is

taken." Id. The "period of delay" for purposes of the A clause therefore runs from the date the PTO misses the specified deadline to the date (past the deadline) of response to the underlying action.

Correspondingly, a violation of the B guarantee—the one at the heart of the issue in this case—begins when the PTO fails "to issue a patent within 3 years after the actual filing date of the application in the United States . . . ." Id. § 154(b)(1)(B). It ends when "the patent is issued." Id. The "period of delay" under the express language of the B clause therefore runs from the three-year mark after filing until the application issues.

Reading this framework into section 154(b)'s limitation provision makes it clear that no "overlap" happens unless the violations occur at the same time. Each "period of delay" has its own discrete time span whose boundaries are defined in section 154(b)(1). That is, each has a start and an end. Before the three-year mark, no "overlap" can transpire between the A delay and the B delay because the B delay has yet to begin or take any effect. If an A delay occurs on one day and a B delay occurs on a different day, those two days do not "overlap" under section 154(b)(2).

Under the PTO's strained interpretation, B delay can occur anytime after the application is filed. To the contrary, the language of section 154(b) does not even permit B delay to start running until three years after the application is filed. The PTO's position cannot be reconciled with the language of the statute. Thus, returning to the district court's decision, this time with affirming approval: "The problem with the PTO's interpretation is that it considers the application delayed under [the B guarantee] during the period before it has delayed." Wyeth, 580 F. Supp. 2d at 142 (emphasis in original).

The PTO defends its interpretation by arguing that A delays during the first three years of prosecution ultimately lead to B delays after the three-year mark from filing. Put differently, it would be double counting if A and B delays were both used to adjust because A delays “cause” B delays. In that vein, the PTO highlights various scenarios where a hypothetical patentee appears to receive some type of windfall adjustment under the statute despite being in a similar position as other applicants who receive no similar adjustment. Indeed, the statute requires as much. Nonetheless, this court perceives potential perverse results as well under the PTO’s suggested interpretations. Under certain scenarios, both the PTO’s interpretation and the statute itself result in some imbalanced treatment of similarly-situated patentees.

For example, the language of section 154(b) presents a slight imbalance in the following hypothetical: suppose Applicant 1 receives a patent 3 years and 30 days after filing an application. In prosecuting the application, Applicant 1 incurred 30 days of A delay before the three-year mark. In the same hypothetical situation, suppose Applicant 2 also receives a patent 3 years and 30 days after filing an application but incurred no A delay during prosecution. Notably, both patents issued the same amount of time from filing—3 years and 30 days. Nonetheless, Applicant 1 would receive a 60 day adjustment whereas Applicant 2 would only receive a 30 day adjustment meaning Applicant 1’s effective term would be 30 days longer than Applicant 2.

By the same token, under the PTO’s counter-statutory interpretation, suppose Applicant 1 incurs 400 days of A delay before the three-year mark with the application issuing exactly three years after filing. Suppose Applicant 2 also incurs 400 days of A delay before the three-year mark, but in addition incurs a one-year delay by the PTO

after the three-year mark. Despite the fact each applicant incurred the same A delay, under the PTO's interpretation, Applicant 1's effective term would be a full year greater than Applicant 2's effective term. Simply put, the additional B delay incurred by Applicant 2 produces a shorter effective term.

Regardless of the potential of the statute to produce slightly different consequences for applicants in similar situations, this court does not take upon itself the role of correcting all statutory inequities, even if it could. In the end, the law has put a policy in effect that this court must enforce, not criticize or correct. See Harbison v. Bell, 129 S. Ct. 1481, 1493-94 (2009) (Thomas, J., concurring) (quoting Eldred v. Ashcroft, 537 U.S. 186, 222 (2003) ("Even if the proper interpretation of a statute upholds a 'very bad policy,' it 'is not within our province to second-guess' the 'wisdom of Congress' action' by picking and choosing our preferred interpretation from among a range of potentially plausible, but likely inaccurate, interpretations of a statute.")).

The PTO also passingly refers to the second clause of section 154(b)(2)(A) for support: "the period of any adjustment granted under this subsection shall not exceed the actual number of days the issuance of the patent was delayed." 35 U.S.C. § 154(b)(2)(A). While the PTO's argument on this point is unclear, that language does not provide any support for its interpretation. Significantly, the second clause of section 154(b)(2)(A) only takes effect upon satisfaction of the first clause. See id. § 154(b)(2)(A) ("To the extent that periods of delay attributable to grounds specified in paragraph (1) overlap . . . .") (emphasis added). Viewed in this light, a "delay" must refer consistently to the violation of either the A or B guarantees. "[T]he actual number

of days the issuance of the patent was delayed" therefore refers to each day covered by a "period of delay" in the first clause with no such day counted twice.

This court has also examined the legislative history of the 1999 Act but finds nothing to rescue the PTO's cause. In the first place, only a "most extraordinary showing of contrary intentions" by Congress justifies a departure from the plain language of a statute. Garcia v. United States, 469 U.S. 70, 75 (1984). Far from intentions contrary to the meaning of section 154(b), the legislative history generally supports the interpretation required by the statutory language itself. The AIPA's section-by-section analysis states:

Accordingly, subtitle D removes the 10-year caps from the existing provisions, adds a new provision to compensate applicants fully for USPTO-caused administrative delays, and, for good measure, includes a new provision guaranteeing diligent applicants at least a 17-year term by extending the term of any patent not granted within three years of filing. Thus, no patent applicant diligently seeking to obtain a patent will receive a term of less than the 17 years as provided under the pre-GATT standard; in fact, most will receive considerably more.

H.R. Rep. No. 106-464, at 125 (1994) (emphases added). From this, it is apparent that the statutory language should provide a minimum seventeen-year term for most patents. The outcome suggested by the language itself effectuates this goal by ensuring such a minimum term unless the applicant caused delays.

The PTO urges this court to read that passage in view of the 25-month average patent pendency at that time—that is, most patents received more than a seventeen-year term because of the shorter prosecution periods. Even taking that context into account, this court notes that the PTO's interpretation effectively creates a seventeen-year term cap where B delays are greater than A delays. In other words, any A delay before the three-year mark causes PTO delays in issuance beyond the three-year



mark—thereby violating the B guarantee. Together, these effects, under the PTO's desire to aggregate A and B delays, reduce the effective term of the patent towards seventeen years. The passage from the House report does not expressly preclude that type of effective cap, but the context suggests a very different goal of supplying adequate protection that will often be "considerably more" than the PTO's effective cap. In any event, the House report does not produce any "extraordinary showing of contrary intentions." Moreover, if the Act intended to create a seventeen-year cap, it could have easily done so with just a few words.

The PTO next highlights the belated addition of the B guarantee into section 154(b) for support. Before enactment of AIPA, section 154(b) only provided extensions for the category that now fall under C adjustments. See 35 U.S.C. § 154(b)(1)-(2) (1996). The earlier versions of AIPA added only A delays. See S. 507, 105th Cong., 143 Cong. Rec. S2678, S2696-97 (Mar. 20, 1997). Not long afterwards, B adjustments appeared in drafts of section 154(b). See H.R. 400, 105th Cong., 143 Cong. Rec. H1629, H1651 (April 17, 1997). According to the PTO, this legislative history suggests that Congress did not intend to give patentees already eligible for A adjustments additional compensation where the A delay occurred during the first three years of prosecution. Even if these ambiguous timing observations suggested some kind of substantive difference in the meaning of section 154(b), they would be wholly irrelevant to interpretation of the law itself. Such opaque timing observations hardly amount to a "most extraordinary showing of contrary intentions," especially when the language of the statute trumpets its meaning by itself. See Harbison, 129 S. Ct. at 1494 (Thomas, J., concurring) ("And Congress' silence certainly does not empower us to go even farther

and incorporate such an assumption into the text of these provisions." ). In sum, legislative history—always a very dull instrument for extracting the essence of statutory meaning—provides no reason to depart from the language of section 154(b).

Last, the PTO contends that its interpretation is entitled to deference under either Chevron U.S.A., Inc. v. Natural Resources Defense Council, Inc., 467 U.S. 837 (1984) or Skidmore v. Swift & Co., 323 U.S. 134 (1944). Because the language of the statute itself controls this case and sets an unambiguous rule for overlapping extensions, this court detects no reason to afford special deference to the PTO's interpretation. See Smith v. City of Jackson, Miss., 544 U.S. 228, 267 (2005) (quoting Pub. Employees Ret. Sys. of Ohio v. Betts, 492 U.S. 158, 171 (1989)) ("Of course, it is elementary that 'no deference is due to agency interpretations at odds with the plain language of the statute itself.'").

#### IV.

This court therefore affirms the judgment of the district court. Section 154(b)'s language is clear, unambiguous, and intolerant of the PTO's suggested interpretation. For that reason, this court accords no deference to the PTO's greater-of-A-or-B rubric.

AFFIRMED